



2001 Toxics Release Inventory

FLORIDA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
Total On-site Releases	118,421,931
Air Emissions	83,429,911
Surface Water Discharges	1,590,342
Underground Injection Class I Wells	23,796,396
Underground Injection Class II-V Wells	709
On-site Land Releases to RCRA Subtitle C Landfills	1,236,511
Other On-site Land Releases	8,368,063
Off-site Releases (Transfers Off-site to Disposal)*	4,780,008
Total On- and Off-site Releases	123,201,939
Recycled On-site	76,259,500
Recycled Off-site	19,936,397
Energy Recovery On-site	19,979,890
Energy Recovery Off-site	3,015,888
Treated On-site	157,719,630
Treated Off-site**	9,715,870
Quantity Released On- and Off-site***	120,787,838
Total Production-related Waste Managed	407,415,013
Non-production-related Waste Managed	478,639
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	20,290,432
Energy Recovery	2,986,106
Treatment	1,698,196
Publicly Owned Treatment Works (POTWs)	8,012,148
Metals and Metal Category Compounds*	61,355
Non-metal TRI Chemicals**	7,950,792
Other Off-site Transfers****	14,897
Transfers Off-site to Disposal (not including metals to POTWs)	4,856,024
Total Transfers Off-site for Further Waste Management, including Disposal	37,857,802

- * Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
- ** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
- *** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.
- **** Transfers reported without a valid waste management code.

For More Information . . .

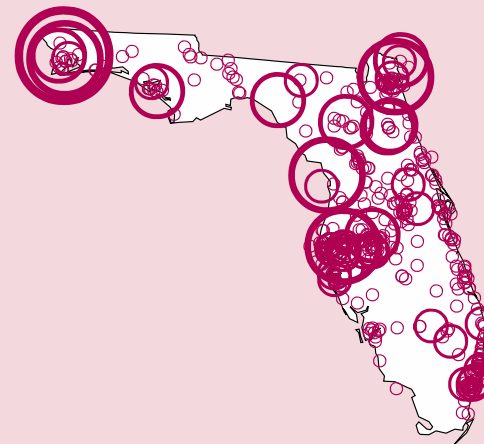
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Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Florida. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	16,373,330
Square Miles	53,997
Total Facilities	702
Total Forms	2,185
Form As	331

	Total
National Rank for Total On- and Off-site Releases*	
Rank	15
Pounds	123,201,939
National Rank for Total On-site Releases**	
Rank	13
Pounds	118,421,931
National Rank for Total Releases within State***	
Rank	15
Pounds	122,323,369
National Rank for Production-related Waste Managed	
Rank	21
Pounds	407,415,013

- * Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
- ** Includes amounts released at the facility. Excludes amounts transferred to other sites.
- *** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	36,374,831	0	0	0	0	36,374,831	0	0	0
—	Nitrate compounds	84,531	1,200,644	16,942,604	211,550	820,943	19,260,272	956	798,719	22,224
7664-93-9	Sulfuric acid	15,197,473	0	0	0	0	15,197,473	0	0	0
67-56-1	Methanol	10,716,655	34,116	378,777	60,774	0	11,190,322	119	0	0
7664-41-7	Ammonia	5,646,496	148,226	293,106	124,914	122,755	6,335,497	0	118,332	4,423

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds	23,083.45	1,139.21	0.00	280,108.95	277,412.48	581,744.09	21,348.30	101,214.09	177,078.39
7439-92-1	Lead	2,900.86	230.32	0.00	142,881.90	12,869.90	158,882.98	1,385.60	3,603.89	9,266.01
40487-42-1	Pendimethalin	1,262.00	0.00	0.00	20,889.00	40,724.00	62,875.00	0.00	40,724.00	0.00
—	Polycyclic aromatic compounds	11,684.17	68.46	0.00	9,193.03	766.05	21,711.71	5,500.00	524.92	241.13
—	Mercury compounds	2,197.25	9.08	0.00	1,366.80	94.95	3,668.08	6.00	44.35	50.60
7439-97-6	Mercury	341.13	3.15	0.00	1,282.39	187.65	1,814.32	47.00	185.95	1.70
191-24-2	Benzo(g,h,i)perylene	400.22	0.00	0.00	104.37	46.67	551.26	0.00	21.67	25.00
—	Dioxin and dioxin-like compounds	0.15	0.02	0.00	0.04	0.00	0.21	0.00	0.00	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>70.154</i>	<i>9.134</i>	<i>0.000</i>	<i>17.897</i>	<i>0.000</i>	<i>97.185</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	0.10	0.10	0.00	0.10	0.00
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

*** No reports were submitted for these chemicals.

** The chemical ranking is based on the amounts in this column.



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On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Solutia Inc., Cantonment, Escambia	475,665	762	23,603,467	0	0	0	24,079,894	3	1,672
Florida Power Crystal River Energy Complex, Crystal River, Citrus	11,288,732	18,800	0	0	0	254,520	11,562,052	48	0
Gulf Power Co. Plant Crist, Pensacola, Escambia	11,343,443	1,785	0	0	0	166,839	11,512,067	0	0
Tampa Electric Co. Gannon Station, Tampa, Hillsborough	9,818,883	5,808	0	0	0	90	9,824,781	8,642	0
JEA St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	5,602,272	3,633	0	0	0	2,181,867	7,787,772	1,076	158,271
Seminole Generating Station, Palatka, Putnam	3,093,518	3,306	0	0	0	1,429,062	4,525,886	0	0
International Paper, Cantonment, Escambia	2,555,903	168,114	0	0	0	434,240	3,158,257	0	0
Jefferson Smurfit Corp., Fernandina Beach, Nassau	2,557,997	23,612	0	0	0	0	2,581,609	0	0
Stone Container Corp., Panama City, Bay	1,950,977	0	0	0	0	124,217	2,075,194	56,753	0
Buckeye Florida L.P., Perry, Taylor	1,787,354	97,946	0	0	0	81,446	1,966,746	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Farmland Hydro L.P., Bartow, Polk	2.20	0.00	0.00	0.00	0.00	63,377.89	63,380.09	0.00	0.00
CF Inds. Inc. (Plant City Phosphate Complex), Plant City, Hillsborough	0.00	0.00	0.00	0.00	0.00	50,806.14	50,806.14	0.00	0.00
PCS Phosphate-White Springs, White Springs, Hamilton	3.09	0.00	0.00	0.00	0.00	50,324.37	50,327.46	0.00	0.00
JEA St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	887.41	82.90	0.00	0.00	0.00	38,312.00	39,282.31	34.50	1,245.70
U.S. Air Force Eglin AFB Ranges FI, Eglin A F B, Okaloosa	431.00	0.00	0.00	0.00	0.00	35,555.00	35,986.00	0.00	0.00
Gulf Power Co. Plant Crist, Pensacola, Escambia	1,423.10	0.00	0.00	0.00	0.00	24,892.60	26,315.70	0.00	0.00
Stanton Energy Complex, Orlando, Orange	1,035.31	0.00	0.00	0.00	0.00	24,060.00	25,095.31	45,980.00	0.00
U.S. Agri-Chemicals Corp., Fort Meade, Polk	0.10	12.90	0.00	0.00	0.00	20,004.00	20,017.00	0.00	0.00
C.D. McIntosh Jr. Power Plant, Lakeland, Polk	1,116.00	23.00	0.00	0.00	18,257.00	0.00	19,396.00	0.00	0.00
Gulf Power Co. Plant Lansing Smith, Southport, Bay	322.40	0.00	0.00	0.00	0.00	16,944.30	17,266.70	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Solutia Inc., Cantonment, Escambia	45,826	92,880	756,062	0	17,068,123	32,796	24,081,570	42,077,257	12
Florida Power Crystal River Energy Complex, Crystal River, Citrus	0	10	2	0	1,800,000	0	11,563,415	13,363,428	0
Gulf Power Co. Plant Crist, Pensacola, Escambia	0	0	0	0	0	0	11,512,067	11,512,067	0
Tampa Electric Co. Gannon Station, Tampa, Hillsborough	0	0	0	0	2,140,000	0	9,833,415	11,973,415	36
JEA St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	0	0	0	0	3,410,000	0	7,917,863	11,327,863	0
Seminole Generating Station, Palatka, Putnam	0	0	0	0	6,716,978	0	4,525,890	11,242,868	0
International Paper, Cantonment, Escambia	0	0	11,037,700	0	8,661,668	0	3,163,930	22,863,298	0
Jefferson Smurfit Corp., Fernandina Beach, Nassau	0	0	41,461	0	3,953,086	0	2,581,699	6,576,246	0
Stone Container Corp., Panama City, Bay	0	0	132,935	0	1,572,917	7,292,362	2,131,941	11,130,155	0
Buckeye Florida L.P., Perry, Taylor	0	0	55,700	0	13,893,200	0	2,021,349	15,970,249	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Gulf Coast Recycling Inc., Tampa, Hillsborough	46,528.00	0.00	0.00	0.00	0.00	0.00	156,970.00	203,498.00	4,294.00
Farmland Hydro L.P., Bartow, Polk	0.00	0.00	0.00	0.00	0.00	0.00	63,001.00	63,001.00	0.00
CF Inds. Inc. (Plant City Phosphate Complex), Plant City, Hillsborough	0.00	0.00	0.00	0.00	0.00	0.00	51,000.00	51,000.00	0.00
PCS Phosphate-White Springs, White Springs, Hamilton	0.00	0.00	0.00	0.00	0.00	0.00	50,326.00	50,326.00	0.00
Lesco Sebring Plant, Sebring, Highlands	2,000.00	0.00	0.00	0.00	0.00	0.00	41,986.00	43,986.00	0.00
JEA St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	0.00	0.00	0.00	0.00	0.00	0.00	40,563.00	40,563.00	0.00
U.S. Air Force Eglin AFB Ranges Fl, Eglin A F B, Okaloosa	0.00	0.00	0.00	0.00	0.00	0.00	35,986.00	35,986.00	0.00
U.S. Holding Corp., Medley, Miami-Dade	0.00	0.00	0.00	0.00	0.00	0.00	33,245.00	33,245.00	0.00
Gulf Power Co. Plant Crist, Pensacola, Escambia	0.00	0.00	0.00	0.00	0.00	0.00	26,316.00	26,316.00	0.00
Stanton Energy Complex, Orlando, Orange	0.00	0.00	0.00	0.00	374.00	0.00	25,170.00	25,544.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.